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DATE: October 28, 2003

Applicant: Jeffrey Ross  
Serial No.: 09/873,637  
Filed: June 4, 2001  
For: C-MYC CODING REGION DETERMINANT-BINDING PROTEIN  
(CRD-BP) AND TIS NUCLEIC ACID SEQUENCE  
Art Unit: 1642  
Examiner: M. Yu

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Client Matter No: 960296.98164  
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Appl. No. 09/873,637  
Amdt. Dated October 28, 2003  
Reply to Office Action of September 8, 2003

**Listing of Claims:**

Please cancel claim 23.

Claims 1 - 15 (withdrawn)/

16. (Amended) A method of detecting breast cancer ~~determining the presence or absence of anti-CRD-BP antibody in a patient's serum~~ comprising the steps ~~step~~ of:

- a) exposing a patient's serum to CRD-BP and determining whether an anti-CRD-BP antibody is present.
- b) correlating the presence of anti-CRD-BP antibodies with breast cancer diagnosis.

Claims 17 - 20 (withdrawn).

21. (Previously Added) The method of claim 16 wherein the CRD-BP is recombinant.

22. (Amended) The method of claim 16 wherein the amount of anti-CRD-BP antibody is quantitated.

23. (Withdrawn) The method of claim 16 additionally comprising the step of correlating anti-CRD-BP antibody presence with cancer diagnosis.

**Listing of Claims:**

Please cancel claims 1-15, 17-20, 23 and 26.

Claims 1 – 15 (cancelled)

1 ~~15~~ (currently amended) A method of detecting breast cancer comprising the steps of:

- a) obtaining a serum sample from a patient, exposing a ~~patient's~~ said serum to human CRD-BP and determining whether an anti-CRD-BP antibody is present in said serum; and
- b) correlating the presence of said anti-CRD-BP ~~antibodies~~ antibody with presence of breast cancer.
- delete comma*

Claims 17 – 20 (cancelled).

2 ~~21~~ (previously presented) The method of claim ~~16~~ wherein the CRD-BP is recombinant.

3 ~~22~~ (previously presented) The method of claim ~~16~~ wherein the amount of anti-CRD-BP antibody is quantitated.

23. (cancelled)

4 ~~24~~ (previously presented) The method of claim ~~16~~ wherein the CRD-BP is bound to a solid support.

5 ~~25~~ (previously presented) The method of claim ~~24~~ wherein the CRD-BP is exposed to serum and anti-CRD-BP antibody in the serum binds to the CRD-BP.

26. (cancelled)

6 ~~27~~ (currently amended) The method of claim ~~26~~ ~~24~~ wherein the CRD-BP is radiolabeled and exposed to the serum, wherein the amount of radiolabeled CRD-BP bound to the solid support is measured.